(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



TERRORE CONTROL CONTROL

(43) International Publication Date 29 January 2004 (29.01.2004)

PCT

(10) International Publication Number WO 2004/010323 A2

(51) International Patent Classification7:

(--)

(21) International Application Number: PCT/CA2003/001103

G06F 17/20

(22) International Filing Date:

23 July 2003 (23.07.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/397,680

23 July 2002 (23.07.2002) US

(71) Applicant (for all designated States except US): RE-SEARCH IN MOTION LIMTED [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LOWLES, Robert,

J. [CA/CA]; 393 Gatestone Blvd., Waterloo, Ontario N2T 2J5 (CA). GRIFFIN, Jason, T. [CA/CA]; 522 Cairncroft Place, Waterloo, Ontario N2T 2J5 (CA). BROWN, Michael, S. [CA/CA]; 350 University Downs Cres., Waterloo, Ontario N2K 4B1 (CA).

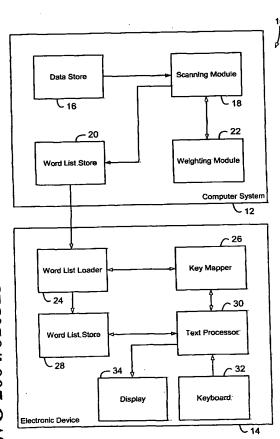
(74) Agents: ARMSTRONG, R., Craig et al.; Borden Ladner Gervais LLP, 1100-100 Queen Street, Ottawa, Ontario K1P 1J9 (CA).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: SYSTEMS AND METHODS OF BUILDING AND USING CUSTOM WORD LISTS



(57) Abstract: Standard word lists that are often used for such operations as predictive text, spell checking, and word completion are based on general linguistic data that might not accurately reflect actual text usage patterns of particular users. Systems and methods of building and using a custom word list for use in text operations on an electronic device are provided. A collection of text items associated with a user of the electronic device is scanned to identify words in the text items. A weighting is then assigned to each identified word, and the words and corresponding weightings are stored.